

13000 GeV pp

Z+Jet

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.212 default
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019 I1736531

Ratio to ATLAS

2

1

0.5

 $N_{ch}/d\eta d\phi$ 